

Effect of the Degree of Compression of Rubbers on
Permanent Set and Contact Pressure, by
B. M. Gerasim, M. F. Bakhina, 4 pp.

RUSSIAN, per, Mashin i Avtom, Vol XX, No 9,
1961, pp 22-25.

APPA

204,275

101
23 Jul 62

Method of Measuring the Contact Pressure in Compression
of Rubber Specimens in a Wide Temperature Range, by
M. Gorelik, M. F. Bukhina, A. F. Sazhenov, 3 pp
RUSSIAN, par. Zavod Lab, Vol XXV, No 11, 1959, pp
73-1374.
Instru Soc of Amer

1
no 60

132,905

Crystallization of Rubbers at Sub-Zero Temperatures
under Compression, by E. M. Gorelik, M. F. Bukhina,
4 pp.

RUSSIAN, per, Khimichesk i Mekhika, Vol XX, No 11,
1961, pp 11-14.

RAPIA

Sci

Oct 62

214,096

stavi Slags and Their Use in the Cement Industry,
A. N. Bukhlitsky, 2 pp.

SSIAN, per, Tsement, No 1, 1957, p 28.

Consultants Bureau

ci - Engineering
al 58

66,329

The Kinetics of Cinnamic Acid Hydrogenation., by
D. Sokolsky, L. Buvalkina and A. Bukhman, 6 pp.

Full translation

RUSSIAN, no per. Zhur Obshch Khim. Vol XXII, No 4,
USSR, Apr 1952, pp 555-558. 558-562.

Consultants Bureau

Scientific - Chemistry

Dec 53 CTS

7559

Characterization of the Agricultural Chemical
Properties of Major Peat Soil Groups of Karelia, by
A. A. Bukhman, 6 pp.

RUSSIAN, per, Pochvovedeniye, No 11, 1960,
pp 99-105.

AIBS

18³
18³, 848

Sci
Mar 62

Gastric Hemangioendothelioma, by A. I. Lukhman,
4 pp.
RUSSIAN, per, Zhig. Vol 40, Dec 1964, pp 126-127.
Dept of Navy/AMS 1240

A. I. Lukhman

Sci/54
Mar 68

349,856

Basis of an Equation for Calculation of the Rate of
Absorption of Nitrogen Oxides by Sulfuric Acid, by
K. M. Malin, A. S. Bukhman, 4 pp.

Full tr

RUSSIAN, no per Zhur Prikl Khim, Vol XXIX, No 3, 1956,
pp330-333. CIA 9000995-C, Reel No 42

Consultants Bureau

40,505

Sci - Chemistry
Nov 56 CTS

Effect of the Spraying Density on the Rate of
Absorption of Nitrogen Oxides by Sulfuric Acid,
by A. S. Bulchman, K. M. Malin, 8 pp.

Full tr

RUSSIAN, no per, Zhur Prikl Khim, Vol XXIX, No 3 ,
1956, pp 334-340. CIA 9000995-C, Reel No 42

Consultants Bureau

40,506

Sci - Chemistry
Nov 56 CTS

Effect of Linear Gas Flow Rate and Temperature
on the Rate of Absorption of Nitrogen Oxides by
Sulfuric Acid, by A. S. Bukhman and K. M.
Malin, 8 pp.

Full tr

RUSSIAN, no per, Zhur Prik Khim, Vol XXIX, No 4,
1956, pp 512-519.

Consultants Bureau

41,645

Sci - Chemistry
Dec 56 CTS

Motive Force of the Absorption of Nitrogen Oxides by
Sulfuric Acid, by A. S. Bukhman, K. M. Malin, 6 pp.

RUSSIAN, no per, Zhur Prik Khim, Vol XXIX, No 5,
May 1956, pp 671-674.

CONSULTANTS BUREAU

Sci - Chem
Feb 57 CIB

44,230

Numerical Integration of Systems of Differential
Equations of Chemical Kinetics with any Ratio of
Reaction Rate Constants, by F. A. Bukhman,
V. G. Melamed.

RUSSIAN, per, Doklady Akademii Nauk SSSR,
Vol 177, No 4, Dec 1967, pp 876-879.

GB

F. A. BUKHMAN

Oct 68

363,324

Deaeration of Make-up Water in Turbine
Condensers, by G. D. Bukhman.
RUSSIAN, per, Elekt Stantsiy, Vol 30,
No 7, 1959, pp 38-41.
NLL Ref: 9022.09 (4876)

GE 6

CE 5B to 4876

S. D. Bukhman

Sci-Energy Con
May 69

380,731

(NY-5502)

Investigation of the Reaction of Bone Marrow Cells
of Animals to the Effect of Ionizing and Ultraviolet
Radiation by the Methods of Ultraviolet and Fluorescence
Microscopy, by M. P. Bukhman, T. M.
Kondrat'yeva, 15 pp.

Russian, per, Tsitologiya, Vol II, No 3, 1960.

JPRS 7666

Sci

Feb 61

139,985

The Effects of Radiation on the Ultra-Violet
Absorption Spectra of Crystalline Proteins
and Amino Acids, by S. N. Aleksandrov, M. P.
Bukhman, V pp.

RUSSIAN, per, Biofizika, Vol IV, No 6, 1959,
pp 720-724.

Pergamon Press

120,640

Sci

Jul 60

The Mechanism of the Formation of Micronecrotic
Foci in the Bone Marrow of Animals Acted on by
Penetrating Radiation Investigated by Fluores-
cence and Ultra-Violet Microscopy, by M. P.
Bulman, E. H. Kozlovskaya, 8 pp.

RUSSIAN, per, Biophis, Vol. IV, No 4, 1959,
pp 458-459.

Pergamon Press

Sci

Apr 60

113,729

M. P. Bukhman, and S. E. Manoilov

Photochemical changes of protein, amino-acids
and nucleic acids under the action of ultra-
violet rays. ^{LXII}

RUSSIAN per, Doklady Akademii Nauk SSSR, Vol 69, No. 1,
1949, pp 49 - 52 .

Sci Museum Lib no 50/2970

AEC TR 503

July 1951 CTS

A 1137

63
Effect of Propyl Gallate as Antioxidant on the
Nutritional Value of Fat, by N. D. Bukhman.
RUSSIAN, per. Vop Pitanii, Vol 21, 1962,
pp 68-72.
ATS RJ-5476

N. D. Bukhman

Sci-BAM
June 70

(SF-1870)

Second All-Union Conference on the Problem of Fat
in Nutrition, by N. D. Bukhman, 6 pp.

RUSSIAN, per, Voprosy Pitaniya, No 3, 1961, pp 91-94.

JPRS 11455

Sci - Med

Jan 62

178,400

A More Rapid Method for the Polarographic
Determination of Indium, by S. P. Bukhman,
M. V. Nosek, M. T. Rozlovsky, 3 pp.

RUSSIAN, per, Zavod Lab, Vol XXIV, No 4,
1956, pp 392-394.

Instru Soc of Amer

Sci

Apr 60

113, 296

Calculation and Measurement of the
Burning Time of Carbon Dust, by

S. V. Bukhman.

RUSSIAN, per, Trudy In-ta Energi, Akad
Nauk Kaz. SSR, 1960, No 2 pp 244-251.
REL 9022.09 1964 (3389) (On Loan)
CFSTI TT-65-60369

S. V. Bukhman

Aug 65

286,938

A Study of Heat Transfer in a Circular Channel,
by Kh. A. Barlybayev, S. V. Bukhman, 15 pp.

RUSSIAN, per, Iz Ak Nauk Kazakhskoy SSR, Seriya
Energet, No 1 (19), 1961, pp 21-29. 9668338

FTD-TT-62-1642

Sci-phys
apr 63

229,432

Resonance Multiplication of Charges on Positive
Potassium Ions, by Yu. F. Bydin, A. M. Bukhmeyev,
3 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXIX, No 1,
1959, pp 12-14.

Amer Inst of Phys
Sov Phys - Tech Phys
Vol IV, No 1

Aug 59

93,912

2055-8

Twenty-Five Years of the Institute of Geophysics
Academy of Sciences Georgian SSR, by A. V.
Bukhnikashvili, 14 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz, No 10,
Oct 1958, pp 1153-1161.

US JPRS Tr L-568-8

Sci - Geophysics
Jan 59

78,328

PART 02

Some Characteristics of the Local Natural Electric
Field at the Adzhar Polymetallic Deposit of the
Georgian SSR, by A. V. Bukhnikashvili, G. G. Dzhashi,
G. P. Khvitiya, 4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz, No 10, 1961,
pp. 1533 - 1537.

AGU

192,543

Experiments on the Recording of the Seismoelectric
Effect, by A. V. Bukhnikashvili, G. M. Prangish-
vili, 6 pp.

RUSSIAN, per, Sookshcheniya Ak Nauk Gruzii, SSR,
Vol XVIII, No 9, 1956, pp 789-795. IAC 9033256

Assoc Tech Sv Tr 54J19R

Sci - Physics
Nov 58

75,876

✓
Hypersegmentation of the Nucleus of Neutrophils in
Wound Exudates Due to the Effect of Adrenal Cortical
Hormone and Radiation, by A. V. Voitkevich, A. I.
Bukhonova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 4,
1958, pp 914-.

Amer Inst of Biol Sci

Sci - Med

96,983

The Pituitary-Adrenal Cortex System of Hormones and
Reparative Processes, by A. I. Bukhanova, 17 pp.

RUSSIAN, per, Uspekhi Sovrem Biol, Vol L, No 1,
1960, pp 101-118.

Oliver & Boyd

Sci
Feb 61

139,693

The Influence of Cortisone and the Adrenocortico-
tropic Hormone on Reparative Processes in the Skin
of Young Dogs, by A. I. Bukhonova, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 2,
1959, pp 477-480.

AIBS

Sci - Biol
Oct 59

100,140

The Effect of Adrenalin on the Process of Repair
in Normal and Castrated Animals, By A. A.

~~REDACTED~~ Voitkevich, A. I. Bukhonova, Z. D.
Berlova, R. T. Gershevitskaya, O. D. Shebeko,

A pp.

RUSSIAN, per, Byul Eksper Biol i Med, Vol XLVII,
No 2, 1959, pp 124---

Consultants Bureau

Sci
Sept 59

95,638

Microstructural Changes in Experimental Wounds Due
to Ascorbic Acid in Conjunction with Cortisone and
ACTH, by A. I. Bukhonova, 5 pp.
RUSSIAN, per, Dokl Ak Nauk SSSR, Biological Sections,
Vol CLII, No 3, 1963, pp 761-764.

CB

May 65

280,264

Reaction of Connective Tissue Elements to Hormones in
Avitaminosis C, by A. I. Bukhonova, 5 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Biology Sciences,
Vol CLIV, No 1, 1964, pp 236-.

CB

May 65

260,277

S-5356

(HY-2966).

Weather Analysis and Forecasting by Superimposing
a Map of the Tropopause on an AT-300 Map, by Ye.
D. Bakhov, 3 pp.

RUSSIAN, per, Met 1 Gid, No 4, 1959, p 51.

JPRS-L-1082-B

Sci - Geophys
Dec 59

10/495

Complex Compounds of Platinum with Acetylenic
Derivatives. IV. Relative ~~Stability~~ Coordina-
tion Stability of Ligands with Double Bonds
of Triple Bonds, by S. V. Bukhovetz,
~~xxx~~ K. A. Molodova, 8 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol III,
No 7, 1958, pp 1540-1545.

AEC-tr-4455
PL-480

Sci
May 62
PST 377

195,335

Complex Compounds of Platinum With Acetylene
Derivatives, by S. V. Bukhovets, K. A. Malosova, 14 pp.

RUSSIAN, per, Zhur Neorg Khim, Vol II, No 4, 1957,
pp 776-786.

AEC-tr-4054
PL-480

146,332

Sci

Apr 61

PST No 81

Complexes of Platinum with Acetylene Derivatives:
The Reaction of Potassium Chloroplatinate with
Tetramethyl-Butynediol, by S. V. Bukhovets, 10 p.

RUSSIAN, per, Akad Nauk SSSR, Sektor Platiny i
Drug Elegorod Metal, Izvestiya, 1955, No 29,
pp 55-60.

SLA 59-15625

Sci
Dsc 59
Vol 2, No 6

103,995

Data on the Formation of Polyphosphates in Yeast
Cells, by E. Bukhovich, A. N. Belozerskiy, 6 pp.

RUSSIAN, per, Biokhim, Vol XXIII, No 2, 1958,
pp 254-260.

Consultants Bureau

Sci - Chem
Jan 59

78,401

Heterocyclic Compounds. 49. Synthetic Pain
Relieving Materials. XI. Esters of 1-Carboxy-
alkyl-2,5-dimethyl-4-piperidols, by I. N.
Mazarov, R. I. Kruglikova, L. A. Bukhtenko, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol 27, No 1,
1957, pp88-93.

Consultants Bureau

Sci - Chem

Jun 58

65,330

Investigations in the Field of Quinones.
XXVI. Condensation of p-Quinones with Ethyl
Furoylacetate, Acetylacetone, and Dibenzoyl-
methane, by A. N. Grinev, L. A. Bukhtenko,
A. P. Terent'ev, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 3,
1959, pp 945-948.

Consultants Bureau

Sci

115,262

Apr 60

(NY-4341)

The Panoramic, Automatic Ionospheric Station,
by H. V. Pyzhkov, A. Ya. Bukhterin, N. B.
Dymovich, 11 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved MVO,
Ser Radiotekh, Vol II, No 2, Mar/Apr 1959.

JPRS 5950

Sci - Electron

Nov 60

131, 697

Triangulation of the Black and Azov Seas, 1871-1901,
by A. Bukhteyev.

RUSSIAN, rpt, Triangulyatsiya Chernago i Azovskago,
Morey 1871-1901, 1907.

ACIC

Sci - Engr.

187, 092

Mar 62

Resonance charge Exchange of Alkali Metal Ions
and Atoms, by A. M. Bukhteyev, Yu. F. Bydin,
6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXIV,
No 8, 1960, pp966-971.

CTT

Sci

168, 916

Sep 61

Electron Capture by O_2 and Cl_2 Molecules Bombarded
with Fast Alkali-Metal Atoms, by A. M. Dukhtoyev,
Yu. F. Bydin, V. M. Dukel'skiy, 4 pp.

RUSSIAN, per Zhur Tekh Fiz, Vol XXXI, No 6, 1961,
pp. 688-693.

AIP
Sov Phys-Tekh Phys
Vol VI, No 6

Sci

Mar 62

19 2. 578

Ionization of Fast Neutral Potassium Atoms in
Collisions With Argon Atoms and Hydrogen, Nitrogen
and Oxygen Molecules, by Yu. F. Bydin, A. M. Bukhteyev,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 6, 1958,
pp 1131-.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 2

Sci - Phys

91, 890

On the Excitation of Storm Microseisms, by V. G.
Bulhteyev, T. A. Andreyev, 3 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz, No 10,
1959, pp 1510-1512.

AGU

Sci

Sep 60

126,330

Application of the Ion-Exchange Chromatographic
Method in the Analysis of Copper Iron Ceramic Alloys
and Bronzes, by D.I. Ryabchikov and V.N. Bakhitov,
8 pp.

Full translation.

RUSSIAN, bino par, ~~ANAL~~ Zhur Anal Mater, Vol VII,
No 6, 1972, pp 377-383.

Consultants Bureau

Scientific - Chemistry

Jan 54 CTS/REX

6603

Determination of Beryllium in Bronze by Means of
a Cation Exchange Resin, by D. I. Ryabchikov, V. E.
Bukhtiarov, 4 pp.

RUSSIAN, per, Zhur Anal Khim, Vol IX, No 4, Jul-Aug
1954, pp 196-198. *CIA D 151241*

Consultants Bureau

Scientific - Chemistry

Mar 55 CTS/DEK

22,497

(NY-6503)

Artificial Heart, by A. Bukhtiyarov,
3 pp.

RUSSIAN, np, Pravda Vostoka, 4 Dec 1961,
p 4.

JPRS 13245

Sci - Med

190,670

Apr 62

TP 243

BUKHTOYAROVA Z. M., LEMBERG V. K.

Tumors in rats induced by intraperitoneal administration
of plutonium nitrate (Pu²³⁹)

"Opukholi u krys voznikshie posle vnutribryushnogo
vvedeniya azotnokislogo plutoniya (Pu²³⁹)", 13 p., Moscow,
1959

English

E u r a t o m

Bukhtoyarova, Z. M. and Lemberg, V. K.
TUMORS IN RATS INDUCED BY INTRAPERITONEAL
ADMINISTRATION OF PLUTONIUM NITRATE
(PU239), tr. by Lydia Vinters. June 60 {14}p. 18 refs.
Order from LC or SLA ml\$2.40, pb\$3.30 AEC-tr-4088

Trans. of mono. Opukholi u Krys Voznikshiye Posle
Vnutribryushinnogo Vvedeniya Azotnokisliogo Plutoniya
(PU239), Moscow, 1959.

61-13939

1. Plutonium nitrates--
Pathological effects
2. Neoplasms--Sources
 - I. Bukhtoyarova, Z. M.
 - II. Lemberg, V. K.
 - III. AEC-tr-4088
 - IV. Argonne National Lab.,
Lemont, Ill.

Office of Technical Services

(Biological Sciences--Pathology. TT, v. 5, no. 6)

Tumours Developing in Rats After Intraperitoneal
Injection of Plutonium Nitrate (Pu^{239}), by Z. M.
Bukhtoyarova, V. K. Lemberg, 11 pp.

RUSSIAN, per, Voprosy Onkologii, Vol V, No 8,
1959, pp 140-148.

PP

Sci
Aug 60

124,568

Remote Consequences of Plutonium Damage, by Z. M.
Bukhtoyarova, V. K. Lemberg, 2 pp.

RUSSIAN, Papers presented at the conference of the
remote consequences of injuries caused by the action
of ionizing radiation, pp 38, 39.

Consultants Bureau

Jun 57

Designing a Discrete Synchronization
System, by V. Ye. Bukhviner, 8 pp.

RUSSIAN, per, Elektrosvyaz', No 6, 1962,.

AIEE

Sci

Jan 63

220,657

N-3/64

Synchronization System With Constant Frequency
of Tuning, by V. Ye. Bukhviner, ~~Electrosvyaz~~
19 pp.
RUSSIAN, per, Elektrosvyaz', No 1, 1964.
pp 9-16.

JPRS/DC-10389/SPECIAL

Sci - Electron
Apr 64

256.950

N-6/63 (Reim)

Experimental Investigation of Interference-
Killing Features for a System of Synchronization,
by V. Ye. Bukhviner, 14 pp.

RUSSIAN, per, Elektrosvyaz', No 1, 1963,
pp 3-12.

2
JPRS/RF-8757
(Special)

Sci - Electron
Aug 63

238,541

Depolarization of u^- Mesons in the Formation of u^- -
Mesic Atoms With Spin $1/2$ Nuclei, by A. P.
Bukhvostov, I. M. Shmushkevich, 8 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XLI,
No 6, 1961, pp 1895-1906.

AIP
Sov Phys - JETP
Vol XIV, No 6

205,073

Sci
Jul 62

R-32-60

(DC-3531).

The Development of Rolled Metal Production in the
People's Republic of China, by I. G. Bukhvostov,
Hsing Ssu-tsang, 9 pp.

RUSSIAN, por, Metallurg, No 2, 1960, pp 37-40.

JPRS 31829

FE - China
Econ
Sci - Min/Met
Apr 60

112,610

Comptingiano Works in Gencu, by I. G. Dzhivashov
2 pp.

RUSSIAN, per, Metallurg, No 7, 1957, pp 44-47.

Consultants Bureau

Sci - *Indiv. file*

Sep 58

73, 256

Tumors in Rats Induced by Intraperitoneal
Administration of Plutonium Nitrate (Pu^{239}), by
Z. M. Bukhtoyarova, E. V. K. Lemberg, 16 pp.

RUSSIAN, bk, Opukholi u Krys Voznikshie Posle
Vnutribryushinogo Vvedeniya Azotnokisloto
Plutoniya (Pu^{239}), 1959.

AEC Tr-4088

Sci - Med
16 Feb 61

140,049

Development of the Apparatus and Method of Measuring
Electrical Resistance of the Cinematographic Film Base
and Its Antistatic Coatings, A. I. Bukin, A. M.
Bolotovskaya, 15 pp.

RUSSIAN, per, Trudy NIKFI, No 37, 1960, pp 123-131.

CIA/FDD XX-1155

NOT RELEASABLE TO FOREIGN NATIONALS

Sci

198,456

May 62

USIB INTERNAL USE ONLY

High-Voltage Rectifier With a Regulating Output
Voltage, by A. N. Bukin, M. M. Filippov, 6 pp.

RUSSIAN, per, Prihory i Tekhnika Eksperimenta,
No 2, 1959, pp 139-141.

USASIA SC-5900/59

Sci - Electronics

Apr 60

114,379

Some Properties of the F₂-Layer in the Antarctic
By G. V. Bukin, pp. 8

RUSSIAN, per. Geomagnet i Aeron. Vol I, No 5, 1961.

AQU

Sci

Jun 63

340,823

Ionosphere Investigations Over the Atlantic Ocean,
by G. V. Bukin.

IN RUSSIAN, per, Geomagnetizm i Aeronomiya, Vol I,
No 6, 1961, pp 832-834.

RASA TT P-8253

Sci
Jan 63
US GOV'T USE ONLY

219,826

Anomalous Absorption at High Latitudes of the
Southern Hemisphere, by G. V. Bukin.

RUSSIAN, per, Geomagnetizm i Aeronomiya, Vol II,
No 2, 1962, pp 368, 369.

NASA TT F-3250

Sci
Jan 63
US GOV'T USE ONLY

219,825

The Geographical Distribution of f E and Some
Properties of the E Layer in the Antarctic, by
G. V. Bukin, 5pp

RUSSIAN, per, Geomagnet i Aeron, Vol II, No 5, 1962,
pp 918-924.

AGU

243, 084

Sci
Nov 63

The Geographic Distribution of f_0F_2 in Antarctica,
by G. V. Bukin, 6 pp.

RUSSIAN, per, Geomagnet i Aerom, Vol II, No 1, 1962.

AGU

Sol -
Nov 63

241, 835

B-4747

(DC-2389)

Investigation of Atmospheric Ozone, by G. V. Bukin,
3 pp. UNCL

RUSSIAN, per, Moskovskoye Geofiz Gid, Informats
Byull, No 5, 1958, pp 37-39.

US JPRS 454-0

Sci - Geophys
Jan 59

79,227

The Influence of the Principal Factors on the
Gasification Process in No 1 Panel of the Yuzhno-
Abinsk U/G Station, by M. I. Ustinov, P. A.
Bukin.

RUSSIAN, per, Podzemnaya Gazifikatsiya Ugly
No 2, 1958, pp 3-7.

Dept of Interior
TN7, E57, No 147

Sci - Fuels

100,610

Nov 59

The Fourth All-Union Conference on Vitamins, by
V. N. Bukin, 6 pp. UNCLASSIFIED

RUSSIAN, bimo per, Uspelkhi Sovremennoy Biologii,
Vol XLIV, No 1 (4), Jul-Aug 1957, Moscow,
pp 145-147.

US JPRS/DC-L-29

Sci - Med, Vitamins
Mar 58

60,063

V
A Chemical Method for the Estimation of Vitamin D in
Fish Oil, by I. N. Garkina, V. H. Bukin.

RUSSIAN, per, Biokhimiya, Vol XVI, No 2, 1951, pp
176-185.

0286
Sci Mus Lib No. 52/~~2236~~

16,740

Scientific - Chemistry

(FDD 25797)

The Comparative P-Vitamin Activity of Tea Catechins,
Grape Tannins, and Buckwheat Rutin, by V. N. Bukin,
N. N. Yerofeyeva, 3 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XCVIII,
No 6, Moscow, 1954, pp 1011-1012.

CIA/FDD/U-7346

29,182

USSR

Sci - Medicine, neurophysics, biochemistry
CTS 73 Oct 55

INSDOC-T-2579

Marine Algae and Sapropeles as Sources of Vitamin
B¹², by L. C. Kutseva, V. N. Bukin, Mj 3 pp.

Reference
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXV, No 4, 1957,
pp 765-

Consultants Bureau

Sci - Biology
May 58

62,703

Changes in Blood Serum Protein-Steroid Complexes in
Experimental Rickets and D-Hypervitaminosis, by L.
Ya. Arshkina, V. E. Bukin, E. E. Erofeyeva, E. P.
Skorobogatova, 7 pp.

RUSSIAN, bimo per, Biokhim, Vol XXII, No 1, 2,
Jan-Apr 1957, pp 384-390.

Consultants Bureau

Sci - Chemistry
Apr 58

61,689

Bukin, V. N.
THE BIOCHEMICAL FUNCTIONS OF VITAMIN B₁₂.
[1960] 10p.
Order from ATS \$17.45 ATS-81M45R
Trans. of Voprosy Meditsinskoy Khimii (USSR)
1960, v. 6, no. 4, p. 335-344.

Requiem - Bukin
R-50-60

(Biological Sciences--Pharmacology, TT, v. 5, no. 7)

61-12363

- I. Vitamin B--Biochemical effects
- I. Bukin, V. N.
- II. ATS-81M45R
- III. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

(SF-1878)

Aleksey Alekseyevich Smirnov, by Yu. V. Bukin, N. M.
Bykov, N. P. Vereshchagina, 4 pp.

RUSSIAN, per, Arkhiv Anatomi, Gistologii i
Embriologii, Vol XL, No 2, 1961, pp 126-127.

JPAS 4869

USSR

167, 729

Bio

Sep 61

Bukin, Yu. V.

ON THE CONVULSIVE AND LETHAL ACTION OF
VITAMIN B₆ ANTAGONISTS (TOXOPYRIMIDINE AND
ISONICOTINYL HYDRAZIDE). [1962] [10]p. 18 refs.
Order from OTS or SLA \$1.10 62-25113

Trans. of Ukrayins'kyi Biokhimichnyi Zhurnal (USSR)
1960, v. 32 [no. 1] p. 67-76.

DESCRIPTORS: *Convulsions, *Poisoning, Inhibition,
*Vitamin B complex, *Pyrimidines, Toxicity, *Isoni-
azid, Drugs, Glutamic acid, Arginine.

When rats are intoxicated with toxopyridimine, the
administration of pyridoxal, even in the latest stages of
intoxication, suppresses convulsions and prevents the
lethal outcome of the intoxication. In contrast to toxo-
pyridimine intoxication, acute intoxication of rats by
isonicotinyl hydrazide cannot be suppressed or elimi-
(Biological Sciences--Toxicology, TT, v. 9, no. 6)

(over)

62-25113

II. Bukin, Yu. V.
II. Translations, New York

000236

Office of Technical Services

(CP-1018)

Aleksandra Kornil'yevna Kovesnikova, by E. A.
Klebanova, A. N. Komarova, Yu. V. Bukin, 5 pp.

RUSSIAN, per, Arkhiv Anatomi, Gistologii i
Embriologii, Vol XXXIX, No 11, 1960, pp 125-127.

JPRS 4723

USER

Biog

Jul 61

160,483

Effect of Vitamin B₆ Antagonists (Toxo-
Pyrimidine and Isonicotinyl Hydrazine) on
the Contents of NE₃, Glutamine, Glutamic
and γ -Aminobutyric Acids in the Rat Brain,
by Yu. V. Bukin, 6 pp.

RUSSIAN, per, ~~NY~~ Ukrayins'kyy Biokhim Zhur,
Vol XXXI, No 6, 1959, pp 906-911.

SLA 60-18365

Sci
May 62
Vol 4, No 10

193, 793

Unpublished letter by N. I. Pirogov
Concerning the French Publication of his
Work, "Report on a Trip Through the
Caucasus", by Yu. V. Sukin

RUSSIAN, no par, Voenno Med Zhur,
No 12, Moscow, Dec 1958, pp 79-80

US JPRS 1897-2

dei - Muk
Mar 59

81,959

Physical Bases of the Optical Method of
Measuring River Deposits, by M. M.
Arkhangel'skiy, A. A. Bukina, 11 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz,
No 5, 1955, pp 435-444.

Sci Mus Lib No 56/2230

Sci - Geophysics

42,825

The Rate of Growth of Frazil Ice Crystals, by
I.A. Bukina,

RUSSIA, per, Iz Ak Nauk, Ser Obofiz, No 12, 1962,
pp 1852-1857.

AGI

Sci

233,573

May 63

A Laboratory Method of Investigation of the Rate
of Growth of ~~XXXX~~ Frazil Ice Crystals, by
L. A. Bukina, 4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz, No 6,
1961, pp 947-950.

AGU

195,149

Sci

May 62

Determination of the Polarity of the Photo-
conductivity Current Carriers in ZnS Phosphors
(A), by E. E. Bukke, 1 p.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXI,
No 5, 1957, pp 648- .

Columbia Tech

Sci - Phys

Aug 58

71,793

Some Results of Investigations of Electrolum-
inescence, by E. E. Bukke, L. A. Vinokurov,
V. E. Oranovskiy, & Z. A. Trofimov, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol
XXI, No 5, 1957, pp 716-720.

Columbia Tech

Sci - Phys

Aug 58

71,808

The Change in Dielectric Constant and Phosphors
Under the Action of Infrared Light, by E. E.
Bukke, 3 pp.

RUSSIAN, bimo per, Zhur Eksper i Teoret Fiz,
Vol XXVIII, Apr 1955, pp 507-508. CIA C 40846

American Inst of Physics
~~57 East 55 St.~~
~~New York 22, N. Y.~~

Scientific - Physics

31,524

Assembly of Radio and Allied Electronic Equipment, by
V. O. Baidar, Ya. I. Rabinovich, 230 pp.
RUSSIAN, M., Zhukha Ra-Sloppereary, 1940.

OTSA-61-3204
PL-480

Sci - Elec
Mar 64

250,572